

Environmental Protection Agency**§ 1065.220**

(b) If the standard-setting part requires testing with fuel appropriate for low temperatures, use gasoline test

fuels meeting the specifications in the following table:

TABLE 2 OF § 1065.210—LOW-TEMPERATURE TEST-FUEL SPECIFICATIONS FOR GASOLINE

Item	Procedure ¹	Value
Distillation Range:		
1. Initial boiling point, °C	ASTM D 86–01	24.4–35.6.
2. 10% point, °C	ASTM D 86–01	36.7–47.8.
3. 50% point, °C	ASTM D 86–01	81.7–101.1.
4. 90% point, °C	ASTM D 86–01	157.8–174.4.
5. End point, °C (maximum)	ASTM D 86–01	211.7.
Hydrocarbon composition:		
1. Olefins, volume %	ASTM D 1319–02	17.5 maximum.
2. Aromatics, volume %	ASTM D 1319–02	30.4 maximum.
3. Saturates	ASTM D 1319–02	Remainder.
Lead (organic), g/liter	ASTM D 3237–97	0.013 maximum.
Phosphorous, g/liter	ASTM D 3231–02	0.005 maximum.
Sulfur, weight %	ASTM D 1266–98	0.08 maximum.
Volatility (Reid Vapor Pressure), kPa	ASTM D 323–99a	11.2–11.8 psi.

¹All ASTM standards are incorporated by reference in § 1065.1010.

(c) Use gasoline test fuel with octane values that represent commercially available fuels for the appropriate application.

[67 FR 68347, Nov. 8, 2002; 67 FR 72724, Dec. 6, 2002]

§ 1065.215 Test fuel specifications for natural gas.

(a) Natural gas used as a test fuel must meet the specifications in the following table:

TABLE 1 OF § 1065.215—TEST-FUEL SPECIFICATIONS FOR NATURAL GAS

Item	Procedure ¹	Value (mole percent)
1. Methane	ASTM D 1945–96	87.0 minimum.
2. Ethane	ASTM D 1945–96	5.5 maximum.
3. Propane	ASTM D 1945–96	1.2 maximum.
4. Butane	ASTM D 1945–96	0.35 maximum.
5. Pentane	ASTM D 1945–96	0.13 maximum.
6. C ₆ and higher	ASTM D 1945–96	0.1 maximum.
7. Oxygen	ASTM D 1945–96	1.0 maximum.
8. Inert gases (sum of CO ₂ and N ₂)	ASTM D 1945–96	5.1 maximum.

¹All ASTM standards are incorporated by reference in § 1065.1010.

(b) At ambient conditions, the fuel must have a distinctive odor detectable down to a concentration in air of not more than one-fifth of the lower flammability limit.

§ 1065.220 Test fuel specifications for liquefied petroleum gas.

(a) Liquefied petroleum gas used as a test fuel must meet the specifications in the following table: